



UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 01-966)

PATENT

GP 2734
2631
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2-8-02

APPLICATION OF:

Richard G.C. Williams

Serial No. 09/551,889

Filed: April 19, 2000

Title Method Of Differential Encoding A
Precoded Multiple Modulus Encoder

Examiner: To be assigned

Group Art Unit: 2734

Commissioner for Patents
Washington, D.C. 20231
BOX DD

Sir:

TRANSMITTAL LETTER

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Technology Center 2600

In regard to the above identified application:

1. We are transmitting herewith the attached:

- Information Disclosure Statement;
- Form PTO-1449;
- Copy of IDS Citations 09/551,889 (4 references);
- Return Receipt Postcard.

2. With respect to additional fees:

☒ No additional fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 22nd day of January, 2002.

By :

Timothy R. Baumann

Reg. No. 40,502

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INFORMATION DISCLOSURE STATEMENT

Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

CITED REFERENCES

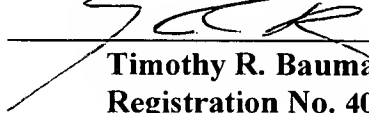
Other Documents

Citation
"A Modem Operating At Data Signalling Rates Of Up To 33600 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits", ITU-T V.34, February 1998, pages i-72.
Richard Williams, "A Digital Modem And Analogue Modem Pair For Use On The Public Switched Telephone Network (PSTN) At Data Signalling Rates Of Up To 56000 Bit/s Downstream And Up To 336000 Bit/s Upstream", V.90, May 6, 1998, pages 1-50.
Richard Williams, "Differential Encoding For V.92 Upstream", ITU Study Group 16, April 25-28, 2000, pages 1-3.
Dae-Young Kim, "180° Phase Invariance For Recommendation V.92", TIA, 22 March 2000, pages 1-5.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 1/22/02

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